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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available
NEWS	39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS	41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS	42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	43	Feb 13	CANCERLIT is no longer being updated
NEWS	44	Feb 24	METADDEX enhancements

NEWS 45 Feb 24 PCTGEN now available on STN
 NEWS 46 Feb 24 TEMA now available on STN
 NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation
 NEWS 48 Feb 26 PCTFULL now contains images

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
 CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

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=> file medline biosis caplus embase
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=> s kit (p)(ammonium near0 chloride)
 L1 0 KIT (P)(AMMONIUM NEAR0 CHLORIDE)

=> s kit (p)(ammonium (w) chloride)
 L2 10 KIT (P)(AMMONIUM (W) CHLORIDE)

=> s 12 (p)(bead or column or solid)
 L3 1 L2 (P)(BEAD OR COLUMN OR SOLID)

=> d his

(FILE 'HOME' ENTERED AT 13:40:50 ON 27 FEB 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 13:41:08 ON 27 FEB 2003
 L1 0 S KIT (P)(AMMONIUM NEAR0 CHLORIDE)

L2 10 S KIT (P) (AMMONIUM (W) CHLORIDE)
L3 1 S L2 (P) (BEAD OR COLUMN OR SOLID)

=> d bib ab 13

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN 1990:455388 CAPLUS
DN 113:55388
TI Microporous article having a stabilized specific binding reagent, a method
for its use and a diagnostic test kit
IN Snyder, Brian Anthony; Grogan, Elizabeth Ann; Sutton, Richard Calvin
PA Eastman Kodak Co., USA
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 347137	A2	19891220	EP 1989-305893	19890612
	EP 347137	A3	19900912		
	EP 347137	B1	19940727		
	R: CH, DE, FR, GB, IT, LI, SE				
	US 5094962	A	19920310	US 1988-206236	19880613
	JP 02236169	A2	19900919	JP 1989-148518	19890613
	JP 07043380	B4	19950515		
PRAI	US 1988-206236		19880613		

AB A water-insol. microporous article comprises a microporous substrate having first and second outer surfaces. Affixed to .gtoreq.1 of those surfaces is a stabilized specific binding reagent admixed with certain hydrophilic, neutral or pos.-charged binder materials. Particularly useful binder materials include certain quaternary polymers, vinyl-pyrrolidone polymers and acrylamide polymers. In this mixt., the reagent exhibits improved keeping stability compared to similar reagents used without binder materials. The reagent comprises water-insol. particles to which are attached receptor mols. to a target ligand. Substantially none of the reagent is entrapped within the microporous substrate. This article is useful for the detection of a target ligand in an assay involving the specific binding reaction of the ligand with corresponding receptor mols., and can be included in a diagnostic test kit. It is particularly useful for the detection of streptococcal antigen in a biol. specimen when the receptor mols. are antibodies to that antigen. Thus, an immunochem. test device for Streptococcus A antigen contg. a specific binding reagent (peroxidase conjugated and bead-immobilized antibodies to Streptococcus A antigen) mixed with 5 wt.% poly(dimethyldiallyl ammonium chloride) as binder was prepd. Some devices were tested immediately and others were stirred for 4 wk in heat-sealed containers at 37.degree. and 30-50% relative humidity. After the 4-wk storage period, assays using the device of the invention showed only a 9% decrease in dye d., but a device using poly(acrylic acid), a neg.-charged binder, lost 99% of dye d. in the same period.

=> d his

(FILE 'HOME' ENTERED AT 13:40:50 ON 27 FEB 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 13:41:08 ON 27 FEB 2003

L1 0 S KIT (P) (AMMONIUM NEAR0 CHLORIDE)
L2 10 S KIT (P) (AMMONIUM (W) CHLORIDE)
L3 1 S L2 (P) (BEAD OR COLUMN OR SOLID)

=> s 12 (p) (nucleic or DNA or RNA)

L4 2 L2 (P) (NUCLEIC OR DNA OR RNA)

=> d bib ab 14 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
AN 1997:632433 CAPLUS
DN 127:259787
TI Whole blood sample preparation for polymerase chain reaction using ammonium chloride and a carboxylic acid or metal carboxylate for selective red blood cell lysis
IN Ekeze, Tobias E.; Kerschner, Joanne Hansen
PA Johnson & Johnson Clinical Diagnostics, Inc., USA
SO Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 795751	A2	19970917	EP 1997-301597	19970311
	EP 795751	A3	19990721		
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5702884	A	19971230	US 1996-615848	19960312
	CA 2199337	AA	19970912	CA 1997-2199337	19970306
	JP 10002898	A2	19980106	JP 1997-56289	19970311
PRAI	US 1996-615848		19960312		

AB Leukocytes can be quickly and selectively sepd. from erythrocytes by subjecting a whole blood sample to a series of steps including lysing the erythrocytes and washing the remaining leukocytes with a soln. contg. **ammonium chloride** and a carboxylic acid or a metal carboxylate. The resulting white blood cells can be readily lysed and subjected to polymerase chain reaction to amplify and detect a target **nucleic acid**. The test **kit** useful in practicing the amplification method includes a labeled primer, a PCR reagent and a reagent mixt. contg. **ammonium chloride** and a carboxylic acid or a metal carboxylate for sample prepn.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
AN 1997:603525 CAPLUS
DN 127:187876
TI Reagent kit for the preparation of nucleic acids.
IN Michel, Uwe; Rau, Andreas; Rieckmann, Peter
PA Michel, Uwe, Germany; Rau, Andreas
SO Ger. Offen., 5 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19607202	A1	19970828	DE 1996-19607202	19960226
PRAI	DE 1996-19607202		19960226		

AB A method and kit are disclosed for the sepn. and isolation of DNA-contg. and RNA-contg. fractions from biol. cells present in, e.g., whole blood, cell cultures, or cell suspensions, in which the cells are treated with Soln. I which causes lysis of the cells but does not affect the cell nuclei, followed by centrifugation to sep. the DNA-contg. cell nuclei from the RNA-contg. supernatant. Soln. I contains preferably a detergent, a reducing agent, and optionally an RNase inhibitor and a vanadyl ribonucleoside complex besides other usual buffer substances and additives. After sepn. of the DNA-contg. cell nuclei from the RNA-contg. soln., the latter is treated with Soln. II which contains a denaturant, a

detergent, and other common buffer components. The RNA then can be obtained by known methods such as by using a suitable RNA-binding matrix. Application of the method in disease diagnosis is emphasized.

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7

L5L4 L2 not guanidine

13

L4L3 L2 not guanididne

19

L3L2 L1 same (bead or column or solid)

19

L2L1 kit same (cesium near0 chloride)

142

L1

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L2

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result set

*DB=USPT; PLUR=YES; OP=OR*L2 L1 same (bead or column or solid) 16 L2L1 kit same (ammonium near0 chloride) 37 L1

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